

Lake District National Park

Forecast valid from 06:00 on Wednesday 09 Feb 2022 until 23:59 on Thursday 10 Feb 2022

Forecast Issued on Wednesday 09 Feb 2022 at 02:23

Confidence: High confidence for a generally colder, brighter more showery regime to become established. Lower confidence for the weekend

Headline for Wednesday 09 Feb 2022: Rain and summit snow clearing by dawn, then a cold, bright day with sunny spells and wintry showers.

Mountain weather hazards on Wednesday 09 Feb 2022

Blizzards

No Likelihood

Heavy persistent snow

Low Likelihood

Storm force winds

No Likelihood

Gales

Low Likelihood

Severe chill effect

High Likelihood

Poor visibility

Low Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

Low Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Partly cloudy (night)	Light snow showers	Sunny intervals	Sunny intervals	Light snow showers (night)	Light snow showers (night)
Precipitation probability					
20%	30%	20%	20%	30%	30%

Forecast for Wednesday 09 Feb 2022

Weather: A colder but bright day with sunny intervals and a few snow showers, though mainly as rain below 300m. Most showers onto western fells, with Helvellyn and High street perhaps only seeing the odd shower. Some clear spells in evening, but with wintry showers.

Chance of cloud-free hill tops above 800m: 80%.

Low cloud and visibility: Mainly good, but occasionally poor with broken cloud down to 450m in showers.

Forecast for Wednesday 09 Feb 2022

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	35/41 W	33/40 W	31/40 W	29/37 W	30/37 SW	33/41 W	32/40 W
600	28/36 W	28/36 W	29/38 W	26/35 W	24/34 SW	27/37 W	26/36 W
300	8/28 W	10/28 W	12/31 W	11/28 W	8/26 W	9/28 W	9/28 W
Valley	8/26 W	9/25 W	13/29 W	11/26 W	9/25 W	10/27 W	12/28 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-1/-10	-2/-11	-2/-11	-2/-11	-2/-11	-3/-12	-4/-13
600	2/-6	1/-7	1/-7	0/-7	0/-7	-0/-8	-1/-9
300	4/1	3/-0	4/-0	3/-2	2/-1	2/-2	2/-3
Valley	6/3	5/2	6/2	6/2	5/2	4/1	4/0
Freezing Level*	700m	600m	500m	500m	400m	400m	400m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

A colder day with a severe chill likely over the tops.

Forecast for Thursday 10 Feb 2022

Weather: Clear spells and wintry showers overnight. Then a cold day, with a mixture of bright or sunny spells and wintry showers. A significant chill should be expected even at quite low levels.

Maximum wind: West to southwest 30-35 gust 45mph becoming west or northwest 25-30 gust 40mph, but perhaps 35 gust 50mph at times in showers

Chance of cloud-free hill tops above 800m: 80%, with good views likely but some lower cloud expected as showers pass.

Low cloud and visibility: Mainly good, but reductions in showers. Occasionally very poor at height, with scattered perhaps sometimes broken cloud above 600m, but perhaps broken cloud down to 450m at times in showers.

Temperature: **Valleys:** Plus 2 C, but zero C where more sheltered, rising to plus 5 or 6 C
At 800m: Minus 4 C
Freezing level: 300 or 400m

Ground Conditions Supplement

Date: Tuesday 8 February 2022. Location: Helvellyn summit at 12:15. Full report: Although it was only marginally above freezing on the summit at midday, it was raining and there did not appear to have been an overnight frost. These combined factors have meant that there has been a significant thaw at all levels such that the vast majority of Lakeland fells and paths are, once again, free from snow. The snow that remains can be found above 700m with the vast majority above 850m and lies in sheltered spots and hollows and on predominantly east facing aspects (both N and S of due east). Today the snow was very soft and wet; however it would only take a marginal drop in temperature for it to become hard and icy which walkers out on the high fells on Wednesday should be prepared for. Similarly, paths and rocks are currently very wet and, at altitude, these could be icy on Wednesday. Despite the milder temperatures, the summit windchill (what the temperature feels like) was minus 6 degrees at midday, so full winter clothing (waterproofs, extra warm layers, hat & gloves), mountain boots and equipment - including torch, map & compass - are all essential for anyone venturing out onto the high fells. For those attempting, or traversing, steep slopes above the snow line – such as the exits to Striding and Swirral Edges which both have banks of unavoidable snow guarding their exits - an ice axe is strongly recommended and crampons should be carried in case the current soft snow freezes. Owing for the potential for ice on Wednesday, microspikes could be useful for anyone walking above the snowline. Temperature: plus 1.5 C, Maximum wind speed 23.3 mph, Wind chill: minus 6.1 C, Average wind speed: 18.6 mph

Issued at: 02:23 on Wed 09 Feb 2022